

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067677.D
 Acq On : 9 Jul 2021 10:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 05:16:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	94	0.00
2 M	Dichlorodifluoromethane	1.858	1.626	12.5	89	0.00
3 M	Chloromethane	2.236	2.206	1.3	90	0.00
4 M	Vinyl Chloride	3.520	3.494	0.7	91	0.00
5 M	Bromomethane	2.839	2.885	-1.6	98	0.00
6 M	Chloroethane	2.596	2.709	-4.4	94	0.00
7 M	Trichlorofluoromethane	6.711	6.734	-0.3	88	0.00
8 T	Diethyl Ether	1.746	1.096	37.2#	65	0.00
9	1,1,2-Trichlorotrifluoroeth	1.477	1.758	-19.0	117	0.00
10 M	1,1-Dichloroethene	1.458	1.590	-9.1	108	0.00
11	Methyl Iodide	1.941	2.029	-4.5	106	0.00
12	Methyl Acetate	1.870	2.070	-10.7	108	0.00
13 M	Acrolein	0.264	0.295	-11.7	112	0.00
14 M	Acrylonitrile	0.869	0.898	-3.3	105	0.00
15 M	Acetone	0.204	0.370	-81.4#	181#	0.00
16 M	Carbon Disulfide	4.187	4.365	-4.3	104	0.00
17	Allyl chloride	2.570	2.713	-5.6	105	0.00
18 M	Methylene Chloride	1.891	2.045	-8.1	108	0.00
19 M	trans-1,2-Dichloroethene	1.753	1.861	-6.2	107	0.00
20 T	Diisopropyl ether	6.216	6.329	-1.8	106	0.00
21 M	1,1-Dichloroethane	3.320	3.584	-8.0	105	0.00
22 M	cis-1,2-Dichloroethene	2.143	2.163	-0.9	101	0.00
23 M	tert-Butyl Alcohol	0.331	0.328	0.9	107	-0.01
24 M	Methyl tert-Butyl Ether	6.125	6.114	0.2	101	0.00
25 M	Chloroform	3.742	3.944	-5.4	104	0.00
26	Cyclohexane	2.999	3.234	-7.8	107	0.00
27 s	1,2-Dichloroethane-d4	2.424	2.758	-13.8	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.470	0.474	-0.9	109	0.00
30 M	2-Butanone	0.215	0.247	-14.9	126	0.00
31	2,2-Dichloropropane	0.500	0.502	-0.4	109	0.00
32 M	1,1,1-Trichloroethane	0.589	0.552	6.3	103	0.00
33 M	Carbon Tetrachloride	0.499	0.460	7.8	103	0.00
34 M	Benzene	1.449	1.395	3.7	106	0.00
35	Methacrylonitrile	0.233	0.212	9.0	103	0.00
36 M	1,2-Dichloroethane	0.533	0.533	0.0	108	0.00
37 M	Trichloroethene	0.363	0.356	1.9	106	0.00
38	Methylcyclohexane	0.523	0.535	-2.3	112	0.00
39 M	1,2-Dichloropropane	0.362	0.357	1.4	105	0.00
40	Dibromomethane	0.268	0.254	5.2	105	0.00
41 M	Bromodichloromethane	0.520	0.485	6.7	104	0.00
42 M	Vinyl Acetate	0.940	0.867	7.8	104	0.00
43	Ethyl Acetate	0.466	0.469	-0.6	110	0.00
44	Isopropyl Acetate	0.825	0.764	7.4	101	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	100	0.00
46	Methyl methacrylate	0.353	0.329	6.8	102	0.00
47	n-amyl Acetate	0.694	0.616	11.2	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48 M	t-1,3-Dichloropropene	0.559	0.510	8.8	107	0.00
49 T	cis-1,3-Dichloropropene	0.590	0.540	8.5	104	0.00
50 M	1,1,2-Trichloroethane	0.379	0.345	9.0	103	0.00
51	Ethyl methacrylate	0.596	0.532	10.7	105	0.00
52	1,3-Dichloropropane	0.625	0.582	6.9	103	0.00
53 M	Dibromochloromethane	0.408	0.345	15.4	100	0.00
54 M	1,2-Dibromoethane	0.395	0.361	8.6	106	0.00
55 M	2-Chloroethyl vinyl ether	0.127	0.092	27.6	98	0.00
56 M	Bromoform	0.284	0.218	23.2	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	0.522	0.500	4.2	104	0.00
59 M	2-Hexanone	0.364	0.379	-4.1	114	0.00
60 S	4-Bromofluorobenzene	0.488	0.504	-3.3	104	0.00
61 M	Tetrachloroethene	0.370	0.364	1.6	103	0.00
62 M	Toluene	1.765	1.732	1.9	107	0.00
63 S	Toluene-d8	1.373	1.370	0.2	98	0.00
64 M	Chlorobenzene	1.046	1.028	1.7	110	0.00
65	1,1,1,2-Tetrachloroethane	0.390	0.359	7.9	103	0.00
66 M	Ethyl Benzene	1.945	1.904	2.1	107	0.00
67 M	m/p-Xylenes	0.755	0.726	3.8	106	0.00
68 M	o-Xylene	0.752	0.711	5.5	105	0.00
69 M	Styrene	1.235	1.158	6.2	107	0.00
70	Isopropylbenzene	1.924	1.867	3.0	109	0.00
71 M	1,1,2,2-Tetrachloroethane	0.553	0.526	4.9	104	0.00
72	1,2,3-Trichloropropane	0.482	0.492	-2.1	105	0.00
73	Bromobenzene	0.436	0.399	8.5	104	0.00
74	n-propylbenzene	2.175	2.170	0.2	111	0.00
75	2-Chlorotoluene	1.308	1.298	0.8	109	0.00
76	1,3,5-Trimethylbenzene	1.589	1.564	1.6	109	0.00
77	t-1,4-Dichloro-2-butene	0.158	0.129	18.4	106	0.00
78	4-Chlorotoluene	1.301	1.307	-0.5	113	0.00
79	tert-butylbenzene	1.337	1.291	3.4	108	0.00
80	1,2,4-Trimethylbenzene	1.565	1.548	1.1	110	0.00
81	sec-Butylbenzene	1.838	1.847	-0.5	112	0.00
82	p-Isopropyltoluene	1.507	1.493	0.9	112	0.00
83 M	1,3-Dichlorobenzene	0.810	0.766	5.4	110	0.00
84 M	1,4-Dichlorobenzene	0.784	0.749	4.5	110	0.00
85	n-Butylbenzene	1.245	1.250	-0.4	115	0.00
86 T	Hexachloroethane	0.257	0.232	9.7	107	0.00
87 M	1,2-Dichlorobenzene	0.780	0.737	5.5	110	0.00
88	1,2-Dibromo-3-Chloropropane	0.099	0.094	5.1	106	0.00
89	1,2,4-Trichlorobenzene	0.336	0.293	12.8	104	0.00
90	Hexachlorobutadiene	0.156	0.160	-2.6	117	0.00
91 M	Naphthalene	1.035	0.746	27.9	91	0.00
92	1,2,3-Trichlorobenzene	0.320	0.275	14.1	102	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range				
SPCC's out = 0 CCC's out = 0				